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FROM Antoinette F. Konski (650) 849-4800 (650) 849-4950
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PAGES (INCLUDING THIS COVER PAGE): 10

RE Supplemental Amendment and Response to Office Action
U.S. Application Serial No.: 09/147,919

MESSAGE

This facsimile consists of the following:

Fax Cover Sheet (1 pg);
Transmittal Form (1 pg);
Fee Transmittal (in duplicate for processing)(2 pgs);
Supplemental Amendment and Response to Office Action (5 pgs) and
Petition for Extension of Time (1pg)

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Timekeeper No:	21879	Client/Matter No:	255555-7491	DATE/TIME STAMP
Clien/Matter Name:				
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2/3/04 2:17 PM

PTO/SB/21 (08-03)

Approved for use through 07/31/2008, OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

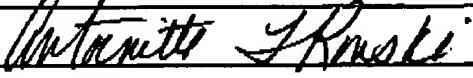
		Application Number	09/147,919
		Filing Date	March 23, 1999
		First Named Inventor	CARDOSA, Mary Jane
		Art Unit	1648
		Examiner Name	M. Mosher
Total Number of Pages in This Submission	9	Attorney Docket Number	BN 0703

ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input checked="" type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):

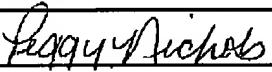
Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Bingham McCutchen LLP Antoinette F. Konski
Signature	
Date	February 3, 2004

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below at facsimile number (703) 872-9306.

Typed or printed name	Peggy Nichols		
Signature		Date	February 3, 2004

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FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 265)

Complete If Known

Application Number	09/147,919
Filing Date	March 23, 1999
First Named Inventor	CARDOSA, Mary Jane et al.
Examiner Name	M. Mosher
Art Unit	1648
Attorney Docket No.	BN 0703

METHOD OF PAYMENT (check all that apply)

 Check Credit card Money Order Other None
 Deposit Account:

Deposit Account Number

50-2510

Deposit Account Name

Bingham McCutchen LLP

The Director is authorized to: (check all that apply)

 Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) during the pendency of this application
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
1001 770	2001 385	Utility filing fee	
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Release filing fee	
1005 160	2005 80	Provisional filing fee	

SUBTOTAL (1)

(\$ 0)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
	-20 **	= 0	X = 0
Independent Claims	-3 **	= 0	X = 0
Multiple Dependent		X = 0	

Large Entity

Fee Code (\$)	Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 88	2201 43	Independent claims in excess of 3
1203 290	2203 145	Multiple dependent claim, if not paid
1204 88	2204 43	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)

(\$ 0)

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
1051 130	2051 55	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	265
1252 420	2252 210	Extension for reply within second month	
1253 850	2253 475	Extension for reply within third month	
1254 1,460	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 290	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,320	2453 685	Petition to revive - unintentional	
1501 1,330	2501 665	Utility issue fee (or reissue)	
1502 480	2602 240	Design issue fee	
1503 640	2503 320	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17 (q)	
1806 100	1806 100	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 770	2809 385	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810 770	2810 385	For each additional invention to be examined (37 CFR § 1.129(b))	
1801 770	2901 385	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify) _____

Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$ 265)

*For number previously paid, if greater. For Reissues, see above

SUBMITTED BY		Complete (if applicable)		
Name (Print/Type)	Antoinette J. Kahan	Registration No. (Attorney/Agent)	34,202	Telephone (50) 849-4950
Signature			Date	February 3, 2004

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FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 265)

METHOD OF PAYMENT (check all that apply)

 Check Credit card Money Other None
Order
 Deposit AccountDeposit
Account
Number

50-2518

DUPLICATE COPY FOR FEE PROCESSING

Deposit
Account
Name

Bingham McCutchen LLP

The Director is authorized to: (check all that apply)

 Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) during the pendency of this application
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Total Claims	-20 **	=	0	X		=	0	
Independent Claims	-3 **	=	0	X		=	0	
Multiple Dependent				X		=	0	

Large Entity	Small Entity							
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1205 18	2205 9							
SUBTOTAL (2)		(\$ 0)						

*or number previously paid, if greater; For Reissues, see above

Complete If Known	
Application Number	09/147,919
Filing Date	March 23, 1999
First Named Inventor	CARDOSA, Mary Jane et al.
Examiner Name	M. Mosher
Art Unit	1648
Attorney Docket No.	BN 0703

FEE CALCULATION (continued)			
3. ADDITIONAL FEES			
Large Entity	Small Entity		
Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
50	2052 25	Surcharge - late provisional filing fee or cover sheet	
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1802 900	1802 900	Request for expedited examination of a design application	
Other fee (Specify) _____		SUBTOTAL (3) (\$ 265)	
*Reduced by Basic Filing Fee Paid			

SUBMITTED BY	Complete (if applicable)		
Name (Print/Type)	Antoinette F. Kotek	Registration No. (Attorney/Agent)	34,202
Signature	_____ <i>[Signature]</i>		
	Telephone	(650) 849-4950	
	Date	February 3, 2004	

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Atty. Docket No. BN 0703

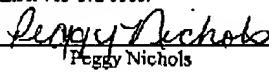
Certificate of Mailing/Transmission (37 C.F.R. § 1.8(a)):

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Dated: February 3, 2004

Name of Person Certifying:

Printed Name:


 Peggy Nichols

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: CARDOSA, Mary Jane et al.

Filing Date: March 23, 1999

Examiner: M. Mosher

Serial No.: 09/147,919

Group Art Unit: 1648

Title: RECOMBINANT MVA VIRUS EXPRESSING DENGUE VIRUS
ANTIGENS, AND THE USE THEREOF IN VACCINES

Commissioner for Patents
 P.O. Box 1450
 Arlington, VA 22313-1450

SUPPLEMENTAL AMENDMENT AND RESPONSE TO OFFICE ACTION

Dear Sir:

This Supplemental Amendment is submitted in response to the Office Action issued August 27, 2003 by the U.S. Patent and Trademark Office connection with the above-identified application. A response to this Action originally was due November 27, 2003. On January 9, 2004 an Amendment and a Petition for a Two Month Extension of Time was filed. Enclosed herewith is a Petition for an additional One Month Extension of Time and authorization to charge the amount of the fee due to the undersigned's Deposit Account. In view of the filing of this Petition and payment of the fee, any response or action taken on or before February 27, 2004 is considered timely. Accordingly, this paper is timely filed.

Amendments to the claims begin on page 2 of this paper.

The Remarks begin on page 4 of this paper.